

Rabbit anti-Human Mad2L1 Monoclonal Antibody | anti-Mad2L1 antibody

Mad2L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312590	Rabbit	Human	Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Mad2L1; Monoclonal Antibody; Mad2L1 Antibody; Caught by MAD2 protein antibody; CMT2 antibody; dJ261G23.1 antibody; KIAA0110 antibody; MAD2L1 binding protein antibody; MAD2L1 binding protein isoform 2 antibody; MAD2L1-binding protein antibody; Mad2l1bp antibody; MD2BP_HUMAN antibody; MGC11282 antibody; OTTHUMP00000016496 antibody; RP1 261G23.6 antibody; anti-Mad2L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JU46-13
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Mad2L1 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Mad2L1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Mad2L1 on different cell lysates using anti-Mad2L1 antibody at 1/500 dilution. Positive control: Lane 1: K562 Lane 2: 293T Lane 3: SH-SY5Y

ADDITIONAL INFORMATION

Related Product Information for anti-Mad2L1 antibody

Cell cycle progression is subject to arrest at the mitotic spindle assembly checkpoint in response to incorrect spindle fiber assembly. MAD2 (for mitotic arrest-deficient) is a component of the mitotic spindle checkpoint. Cells with mutated MAD2 do not undergo mitotic arrest in response to incorrect spindle fiber assembly, which results in missegregation and eventual cell death. A breast carcinoma cell line with reduced MAD2 expression, T47D, was shown to complete mitosis in the presence of nocodazole, an inhibitor of mitotic spindle assembly. MAD2 is localized to unattached kinetochores during prometaphase and disassociates upon spindle fiber attachment, indicating that MAD2 regulates kinetochore binding to the spindle fibers. Human MAD2 has also been shown to associate with insulin receptor (IR), but not IGFIR, implicating MAD2 as a mediator for IR-specific signaling. MAD2B, a MAD2 homolog, is required for the execution of the mitotic checkpoint monitoring the kinetochore-spindle attachment process and if the process is not complete, MAD2B delays the onset of anaphase.

Product Categories/Family for anti-Mad2L1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505067
NCBI GeneID	4085
NCBI Accession #	NP_002349.1
NCBI GenBank Nucleotide #	NM_002358.3
UniProt Accession #	Q13257; Q53F56; Q548X9; Q6IRW7
Molecular Weight	23.5 kDa
NCBI Official Full Name	mitotic spindle assembly checkpoint protein MAD2A
NCBI Official Synonym Full Names	MAD2 mitotic arrest deficient-like 1 (yeast)
NCBI Official Symbol	MAD2L1
NCBI Official Synonym Symbols	MAD2; HSMAD2
NCBI Protein Information	mitotic spindle assembly checkpoint protein MAD2A; MAD2-like protein 1; mitotic arrest deficient 2-like protein 1; mitotic arrest deficient, yeast, homolog-like 1; MAD2 (mitotic arrest deficient, yeast, homolog)-like 1
UniProt Protein Name	Mitotic spindle assembly checkpoint protein MAD2A
UniProt Gene Name	MAD2L1
UniProt Synonym Gene Names	MAD2; HsMAD2
UniProt Entry Name	MD2L1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mad2l1-antibody-clone-ju46-13-immunocytochemistry-western-blot-elisa/312590>